

T 20 R 20 3County LAKEMONTANA BUREAU OF MINES AND GEOLOGY  
Butte, MontanaRECEIVED  
DEC 6 1961

## WATER WELL LOG

STATE ENGINEER

Owner MORRIS & BERNEICE BILIE Address RONAN, MONT.Driller APPROXIMATELY 1912 to 1923 Address \_\_\_\_\_

Date Started \_\_\_\_\_ Date Completed \_\_\_\_\_

Location: Sec. 3 T. 20 R. 20 1/4 sec. 5 WType of well drilled Equipment used CHURN DRILL  
(Dig, driven, bored, or drilled) (Churn drill, rotary, other)Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒  
Industrial ☐ Drainage ☐ Other: \_\_\_\_\_Casing: \_\_\_\_\_ ft. to 465 ft. Type IRON Size 5"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. UNKNOWN to ft. \_\_\_\_\_Type of screen or perforations UNKNOWN

Static Water level, for non-flowing well: \_\_\_\_\_ feet.

Shut-in pressure, for flowing well: SEVEN lb./sq. in. on: 4 DEC. 1961  
(date)Pumping water level Flowing feet at 20 gal. per min.How tested: PRESSURE 24 HRSLength of test FIVE MINUTES

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

R-49

152631

Water Well Log  
Murray Laneice  
Bible  
to  
The Public

STATE OF MONTANA

County of Lake,

Filed on the 4<sup>th</sup> day of Dec.

A. D. 1964 at 11:17 o'clock A.M.

HAZEL KINNICK

County Clerk and Recorder

by M. Kinnick

Deputy

10/

CV

File No. ....

DUPLICATE

T. 20 R. 20

County. Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

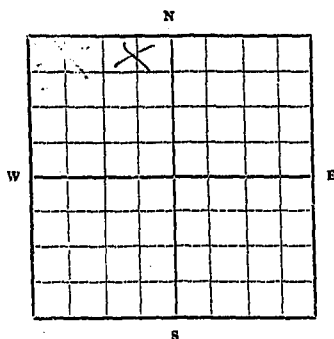
RECEIVED  
JUL 27 1962

Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Round Butte Water Company, of Ronan (Address) (Town)  
(Name of Appropriator)

County of Lake State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N 2 1/4  
NW 1/4 Sec. 4 T. 20 R. 20

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based domestic  
for approximately 100 families

3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been August 1956, daily  
subsequent thereto

4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) 450 gallons per minute

5. If used for irrigation, give the acreage and description of the  
lands to which water has been applied and name of the owner  
thereof no irrigation

6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal  
artesian well and pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater June 1946

8. The depth of water table 355 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any  
other works for the withdrawal of groundwater Number 9, 6 inch casing, artesian  
well, supplying approximately 120 miners inches.

10. The estimated amount of groundwater withdrawn each year 450 gallon per minute or 40  
miners inches.

11. The log of formations encountered in the drilling of each well if available is filed Note: Well  
was drilled and water right filed by Marie H. Peschel, former owner of said  
realty, and an interest in said well and right to use up to 450 gallon per  
minute therefrom, was sold and conveyed by her to Round Butte Water Company  
which hereby files this declaration.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including  
reference to book and page of any county record.

Attest:

Secretary

ROUND BUTTE WATER COMPANY

Signature of Owner By President

Date July 26 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is  
located.

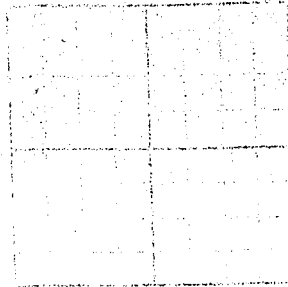
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines  
and Quadruplicate for the Appropriator.

1882

R-111 155998

Water Well Log  
Round Butte Water Co.  
to  
The Public



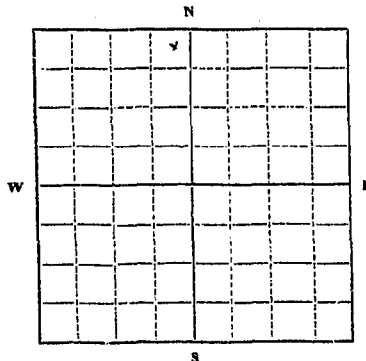
155998  
Water Well Log  
Round Butte Water Co.  
to  
The Public

STATE OF MONTANA  
County of Lake  
Filed on the 25 day of July  
A. D. 1962 at 11:45 o'clock A. M.  
HAZEL KINNICK  
County Clerk and Recorder  
By A. Johnson  
200 Deputy



File No. ....

DUPLICATE

T. 20 N 20 W 5  
20-20  
County LAKE Co.STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERDeclaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)RECEIVED  
OCT 21 1963  
STATE ENGINEER1. OTTILIE FREIBURGER, of RONAN  
(Name of Appropriator) (Address) (Town)  
County of LAKE Co. State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

LOT-3 SE 1/4 NW 1/4 Sec. 5 T. 20 N. R. 20 W.

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based  
Household use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
10-1931  
EVER SINCE
4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
1.5 GAL. MINUTE
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
NO.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
ELECTRIC PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.  
10-10-1931 to 10-20-19318. The depth of water table.  
14 ft.9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
FLANK - 3x3 ft. - 16 ft.10. The estimated amount of groundwater withdrawn each year.  
40,00011. The log of formations encountered in the drilling of each well if available.  
BLACK-SOIL FOR 2 ft  
CLAY for 8 ft and 2 ft. SAND - AND THEN GRAVEL + CLAY

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Date 10-10-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

6500.

R-257

161473

Water Report  
Ottilie J. Reiburger  
to  
The Public

STATE OF MONTANA

County of Lake,

Filed on the 10 day of October

A. D. 1963 at 2:25 o'clock P. M.

HAZEL KINNICK

County Clerk and Recorder

By M. Kraus Depute

9200

File No. \_\_\_\_\_

DUPLICATE

T. 20 N R. 20 W

County Lake

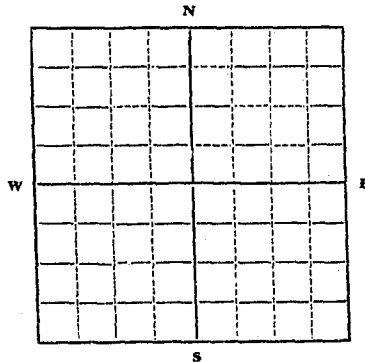
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
DEC 27 1963  
STATE ENGINEER

1. Fred Hughes, of Ronan,  
(Name of Appropriator) (Address) (Town)  
County of Lake State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 5 T. 20 R. 20.

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based.....  
Stock and domestic

3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been January 10, 1960 - con-  
tinuous since that date

4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) 800 gallon per minute

5. If used for irrigation, give the acreage and description of the lands  
to which water has been applied and name of the owner thereof  
Not used for irrigation

6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal  
Artesian well

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater Began December 17, 1959 - finished January 10, 1960

8. The depth of water table..... Artesian well

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other  
works for the withdrawal of groundwater Artesian well - depth 361 feet

10. The estimated amount of groundwater withdrawn each year 800 gallon per minute

11. The log of formations encountered in the drilling of each well if available A log for this well  
has been heretofore filed and recorded.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including  
reference to book and page of any county record Well drilled by Glenn Camp, 705 Alder  
Street, Missoula, Montana - Driller's Registration No. 215

Signature of Owner Fred A. Hughes

Date December 9, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is  
located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau  
of Mines and Geology, and Quadruplicate for the Appropriator.

13464

R 450

162927

Thed a Hughes  
to  
The Public

STATE OF MONTANA  
County of Lake,  
Filed on the 23 day of Dec  
A. D. 1963 at 4:20 o'clock P. M.  
HAZEL KINNICK  
County Clerk and Recorder  
By 6 Cowner  
200 Deputy

**RECEIVED**

MAR 2 1960

STATE ENGINEER

**MONTANA BUREAU OF MINES AND GEOLOGY**

Butte, Montana

**WATER WELL LOG**

|  |  |  |
|--|--|--|
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Owner Fred Hughes Address Ronan, Montana  
 Driller Glenn Camp Address 705 Alder, Missoula  
 Date Started Dec. 17, 1959 Date Completed Jan. 10, 1960  
 Location: Sec. 5 T. 20 R. 20 1/4 sec. SE 1/4

Type of well Drilled Equipment used Churn Drill  
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐  
 Industrial ☐ Drainage ☐ Other: \_\_\_\_\_

Casing # 1' above ground level ft. to 361 ft. Type 19 lbs. to foot size 6" I.D.

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. \_\_\_\_\_ to ft. \_\_\_\_\_ Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations: \_\_\_\_\_

Static Water level, for non-flowing well: \_\_\_\_\_ feet.

Shut-in pressure, for flowing well: 40 lbs. lb./sq. in. on: Feb 22, 1960 (date)

Pumping water level \_\_\_\_\_ feet at \_\_\_\_\_ gal. per min.

How tested: \_\_\_\_\_

Length of test: \_\_\_\_\_

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Flowing 800 gal. per minute with a shut in pressure of 40 lbs. Controlled  
with a 6" gate valve at top. Casing cemented in by Halliburton Cementing Co.

(over)

# Log of Well

| Depth, feet |     | Description of Material Drilled                      |
|-------------|-----|--|
| From        | To  |  |
| 0           | 2   | top soil   |
| 2           | 10  | clay and gravel                                      |
| 10          | 20  | silty clay   |
| 20          | 37  | clay and gravel                                      |
| 37          | 50  | sandy clay   |
| 50          | 60  | clay and gravel                                      |
| 60          | 68  | sand   |
| 68          | 120 | clay   |
| 120         | 138 | silty sand   |
| 138         | 147 | gravel   |
| 147         | 163 | clay and gravel                                      |
| 163         | 167 | clay and sand  |
| 167         | 194 | clay and gravel                                      |
| 194         | 202 | silty clay   |
| 202         | 248 | clay   |
| 248         | 255 | silty clay   |
| 255         | 305 | sand, gravel and clay                                |
| 305         | 348 | clay and gravel                                      |
| 348         | 357 | clay   |
| 357         | 365 | blue-green clay. Water at 365', sand and gravel      |
|             |     | cement from 361 to 365 feet. Drilled through cement. |
|             |     |  |
|             |     |  |
|             |     |  |
|             |     |  |

P-15 #144398

STATE OF MONTANA

County of Lake,

Filed on the 1 day of May

A. D. 1960 at 5:50 o'clock P. M.

HAZEL KINNICK

County Clerk and Recorder

By 6- [Signature] Deputy

File No. ....

T. 20<sup>N</sup> R. 20<sup>W</sup>

DUPLICATE

County Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
NOV 19 1963  
STATE ENGINEER

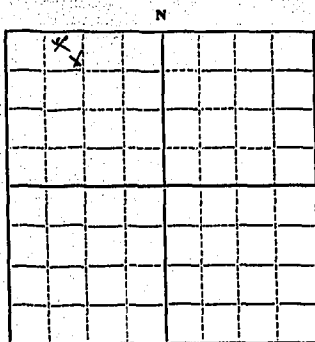
## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, A. J. & Gertrude Reinlasoder, of Star Route, Box 12, Ronan  
(Name of Appropriator) (Address) (Town)

County of Lake State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 4  
SW 1/4 NW 1/4 Sec 5 T20 R. 20

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based. Livestock  
and residential & garden

3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been. House well July 1942 Steady  
Stock well Dec 1936 continues use.

4. The amount of groundwater claimed (in miner's inches or gallons  
per minute). 10 gallons per minute.

5. If used for irrigation, give the acreage and description of the lands  
to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal. water system

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater. July 5 to July 30th House well.  
Stock well Dec 1 to Dec 10.

8. The depth of water table. house well 30 ft., Stock well 11ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other  
works for the withdrawal of groundwater. house well hand dug, size 30 inch diameter  
Stock well 30 feet deep.  
Stock well, hand dug, size 3 ft by 3ft.

10. The estimated amount of groundwater withdrawn each year. House well 80,000 gal. Total 226,000  
Stock well 146,000 gal. → gallons

11. The log of formations encountered in the drilling of each well if available. House well, 1ft black soil  
9 ft of clay, 12 ft of sand, 8 ft of clay.  
Stock well 1 ft of black soil, 10 ft of clay.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including  
reference to book and page of any county record.

Signature of Owner

*A. J. Reinlasoder*  
*Gertrude Reinlasoder*

Date

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is  
located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau  
of Mines and Geology, and Quadruplicate for the Appropriator.

7204

161953

Well Kept  
A Q. & A. Book  
to  
The Public

Y. L. & Catherine Karpov

STATE OF MONTANA

County of Lake,

Filed on the 14 day of March 1937

A. D. 1963 at 2:15 o'clock P.M.

**HAZEL KINNICK**

County Clerk and Recorder

By C. W. Men

**Deputy**

Richard  
L. Johnson

CONSUM

and Resident of Bergen

stock held as 1028 confined use.

**10 Regions per minute.**

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

water level  
of the river  
was 100 ft  
above the  
ground level  
of the river  
bed.

the correlation of this with age to equal weights is 0.4117.



File No. \_\_\_\_\_

DUPLICATE

T. 20 N. R. 20 W.  
County Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237, Montana Session Laws, 1961)

Date of Appropriation of Groundwater January 16, 1963

Owner Kenneth R. + Bernice Boyd Address \_\_\_\_\_

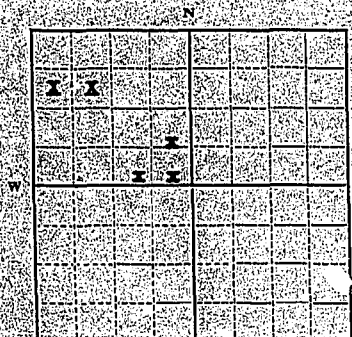
Contractor (if any) \_\_\_\_\_

Address of Contractor \_\_\_\_\_

Date Started \_\_\_\_\_ Date Completed \_\_\_\_\_

Describe means of obtaining groundwater without a well, as by sub-irrigation and other natural processes. Include depth to water when applicable.

6. Springs



Indicate point of appropriation and place of use, if possible.

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent, estimate approximate lengths of periods of use.

Stock water and also used in summer May to Sept for irrigation approximately One Half Acre Foot

Signature of Owner Kenneth R. + Bernice Boyd

Date January 16, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

R141

158367

Waters Report  
Kenneth A. Barnes Bygd  
to  
The Public

STATE OF MONTANA  
County of Lake  
Filed on the 5 day of Dec  
A.D. 1963 at 4:00 o'clock P.M.  
HAZEL KINNICK  
County Clerk and Recorder  
By: S. C. Corman  
200 Deputy

GW

Approved Stock Form—State Publishing Co., Helena, Montana—38496

File No.

DUPLICATE

County

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
APR 23 1962

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Paul Kuengler  
(Name of Appropriator)

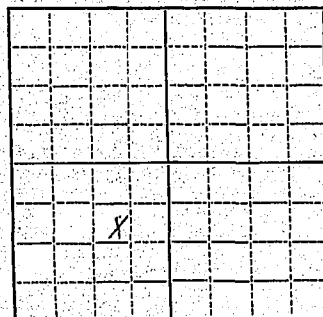
of Ronan  
(Address)

Mont  
(Town)

County of Lake

State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 6, NE 1/4 SW 1/4

1/4 Sec. 6 T 20 R 20

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
Continuous since 1910

4. The amount of groundwater claimed (in miner's inches or gallons per minute)

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
beg. in 1910

8. The depth of water table  
8 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
10 ft deep

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of each well if available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Paul Kuengler

Date April 17, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

465

R-83

4679

Paul Gruenler



STATE OF MONTANA  
County of Lake,  
Filed on the 19 day of Apr  
A. D. 1967 at 3:32 o'clock P.M.  
HAZEL KINNICK  
County Clerk and Recorder  
By E. Cowman Deputy



GW

Approved Stock Form—State Publishing Co., Helena, Montana—34496

File No. \_\_\_\_\_

T. 20 R. 20

DUPLICATE

County Lake

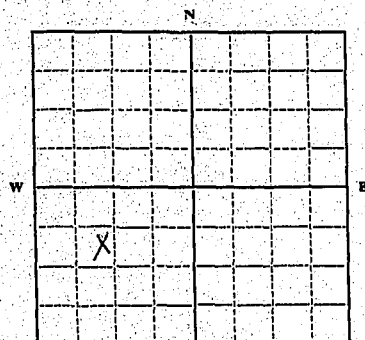
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
APR 23 1962  
STATE ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Paul Kuengler of Lake Mont  
(Name of Appropriator) (Address) (Town)  
County of Lake State of Mont  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 6, NE 1/4, S 1/4

1/4 Sec. 6, T. 20 R. 20

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based.....

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....

Aug 1940

8. The depth of water table.....

30 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....

3.8 ft. deep

10. The estimated amount of groundwater withdrawn each year.....

11. The log of formations encountered in the drilling of each well if available.....

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....

Signature of Owner Paul Kuengler

Date April 17, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

466

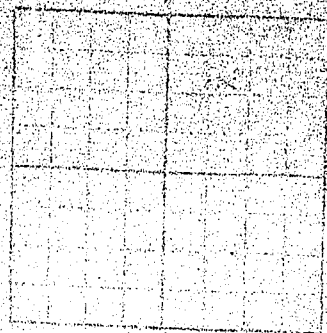
B 8-2

754678

Paul Guenzler

ASSISTANT TO THE  
SHERIFF OF LAKE COUNTY  
MONTANA

STATE OF MONTANA  
County of Lake  
Filed on the 19 day of April  
A. D. 1962 at 3:30 o'clock P. M.  
HAZEL KENNICK  
County Clerk and Recorder  
By G. Cautman  
Deputy



GW 3

File No.

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

COUNTY

RECEIVED

APR 23 1962

STATE ENGINEER

# Notice of Completion of Groundwater Appropriation Without Well

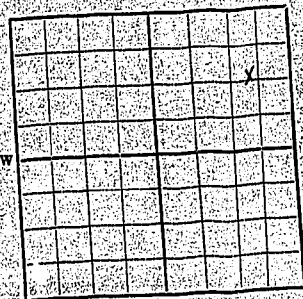
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater April 17, 1962Owner Paul Kuebler Address Bozeman, Mont

Contractor (if any) \_\_\_\_\_

Address of Contractor \_\_\_\_\_

Date Started \_\_\_\_\_ Date Completed \_\_\_\_\_

Describe means of obtaining groundwater without a well, as by sub-irrigation and other natural processes. Include depth to water when applicable. Natural springLot 1 SE 1/4 NE 1/41/4 Sec. 6 T. 20 R. 20

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use.

used constantly for stock  
use since 1910Signature of Owner Paul KueblerDate April 17, 1962

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

281-1546-71

*Paul Kinnick*

STATE OF MONTANA  
County of Lake  
Filed on the 19<sup>th</sup> day of Apr  
A.D. 1962 at 2:30 o'clock P.M.  
HAZEL KINNICK  
County Clerk and Recorder  
By *G. Coleman*  
Deputy



File No. \_\_\_\_\_

DUPLICATE

T. 20 N. R. 20 E. S. 7

County Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

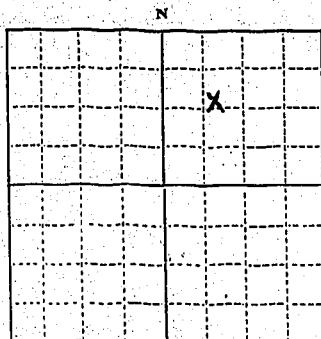
RECEIVED  
DEC 6 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. George Colley of Rt. 2 POWELL  
(Name of Appropriator) (Address) (Town)

County of LAKE State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NW 1/4 NE 1/4  
1/4 Sec. 7 T. 20 N. R. 20 E.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based One for domestic, one for irrigation.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been domestic well date unknown at least 20 yrs. irrigation well 2 yrs.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 850 GAL. per Min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
N 1/2 NE 1/4 SE 1/4 NE 1/4 SE 1/4 NW 1/4 SW 1/4 NE 1/4 7-20-20  
SW 1/4 NW 1/4 E-20-20  
SW 1/2 SE 1/4 E-20-20 (220 Acs.)
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal George Colley  
electric motor & one hand motor.  
location as marked
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawing groundwater domestic well unknown  
irrigation well 5/1/61 - 5/10/61
8. The depth of water table domestic well 3 1/2 ft irrigation well 10 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater domestic well dug 3 1/2 ft casing  
40 ft deep.  
irrigation well dug 4 ft casing  
25 ft deep.
10. The estimated amount of groundwater withdrawn each year 65 500 000
11. The log of formations encountered in the drilling of each well if available domestic unknown  
irrigation Clay & gravel
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record irrigation partly fed by springs

Signature of Owner

Date

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

7896

162268

George Colley  
to  
The Public

STATE OF NEW YORK  
IN SENATE  
JANUARY 11, 1906.

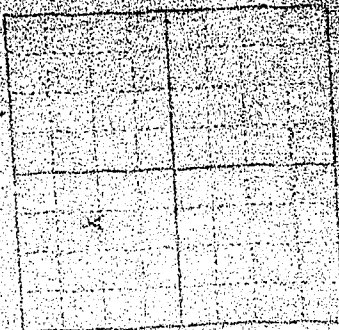
STATE OF MONTANA

County of Lake,  
Filed on the 2 day of December  
A. D. 1963 at 11:30 o'clock A M  
HAZEL KINNICK

County Clerk and Recorder  
By Mae Johnson Deputy

19-587

ENGINEER  
DELETED



1. The purpose of this document is to provide information regarding the proposed changes to the existing regulations. The purpose of this document is to provide information regarding the proposed changes to the existing regulations.

2. The proposed changes are intended to improve the efficiency of the process and to ensure that the regulations are up-to-date. The proposed changes are intended to improve the efficiency of the process and to ensure that the regulations are up-to-date.

3. The proposed changes are intended to improve the efficiency of the process and to ensure that the regulations are up-to-date. The proposed changes are intended to improve the efficiency of the process and to ensure that the regulations are up-to-date.

4. The proposed changes are intended to improve the efficiency of the process and to ensure that the regulations are up-to-date. The proposed changes are intended to improve the efficiency of the process and to ensure that the regulations are up-to-date.

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10. The proposed changes are intended to improve the efficiency of the process and to ensure that the regulations are up-to-date. The proposed changes are intended to improve the efficiency of the process and to ensure that the regulations are up-to-date.

File No. \_\_\_\_\_

DUPLICATE

T. 20 N. R. 20 W.

County Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 26 1963

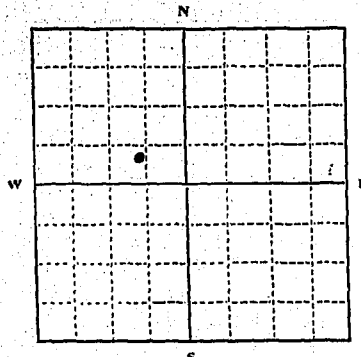
## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

R. E. Stewart of Rt. 2 Bonanza  
(Name of Appropriator) (Address) (Town)

County of Lake State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 NW Sec. 7 T20 R20

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based.

stock & home use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.

May 25, 1953every day since finished

4. The amount of groundwater claimed (in miner's inches or gallons per minute).

800,000

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.

none

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.

pressure pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.

May 25, 1953

8. The depth of water table.

9 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.

hand dug, 28 in wide  
28 ft. deep

10. The estimated amount of groundwater withdrawn each year.

800,000

11. The log of formations encountered in the drilling of each well if available.

7 feet sand  
21 ft of clay mixed with small gravel

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

R. E. StewartDate Dec 20, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

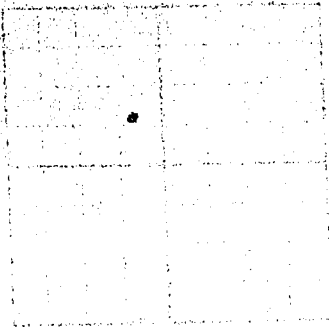
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

1215

R-405

162638

Water Report  
R.E. Stewart  
to  
The Public



STATE OF MONTANA  
County of Lake.  
Filed on the 20 day of Dec  
A. D. 1963 at 11:47 o'clock P. M.  
HAZEL KINNICK  
County Clerk and Recorder  
By 6 Cowman  
200 Deputy

File No. \_\_\_\_\_

DUPLICATE

T. 20 N. R. 20 E.

County Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

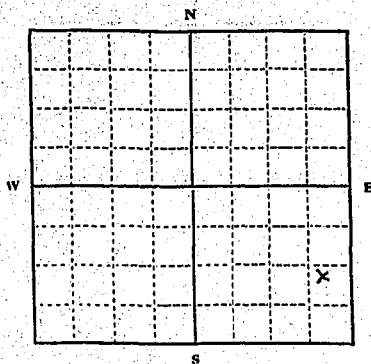
RECEIVED  
DEC 30 1963  
STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Charles R. & Esther M. Bauer, of R.T. 2 Penan  
(Name of Appropriator) (Address) (Town)

County of Lake State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 16, T. 20, R. 20.

Indicate point of appropriation  
and place of use, if possible. Each  
small square represents 10 acres.

2. The beneficial use on which the claim is based household  
stock water & water for yard & garden

3. Date or approximate date of earliest beneficial use; and how continu-  
ous the use has been this well has been used  
steadily since 1925 - I traced it back  
that far

4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) 5 gallons per minute

5. If used for irrigation, give the acreage and description of the lands  
to which water has been applied and name of the owner thereof  
Yard & garden Lu Butcher  
Eugene Pridemore

6. The means of withdrawing such water from the ground and the loca-  
tion of each well or other means of withdrawal Freezing  
water system

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater 22 near as I can find out this well was dug in  
25

8. The depth of water table 16 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other  
works for the withdrawal of groundwater 3' x 3' x 16' deep

10. The estimated amount of groundwater withdrawn each year 100,000 gal per year

11. The log of formations encountered in the drilling of each well if available a foot of top soil  
then 4" of clay hard pan then quick sand to 16 ft. then gravel

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including  
reference to book and page of any county record second county road south of Penan  
then one mile west of highway 93

Signature of Owner Charles R. Bauer  
Esther M. Bauer

Date 12-26-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of  
Mines and Geology, and Quadruplicate for the Appropriator.

14885

R-479  
162767  
Inter Regret  
Charles R. & Esther M.  
Dauer

The Public

OFFICE OF THE CLERK  
OF THE DISTRICT COURT  
STATE OF MONTANA

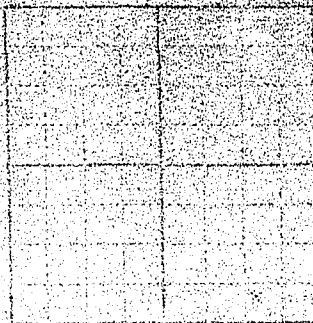
STATE OF MONTANA  
County of Lake  
Filed on the 26<sup>th</sup> day of Dec  
A. D. 1963 at 4:46 o'clock P. M.

HAZEL KINNICK

County Clerk and Recorder

By C. W. M. L. Deputy

200





Probably County 2 R 53

RECEIVED  
NOV 1 1962

20 R 20 10

STATE ENGINEER  
MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
DEC 26 1961

WATER WELL LOG

STATE ENGINEER

|  |  |  |  |
|--|--|--|--|
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Owner Pick Dresen

Address A1528 Pablo Mont

Driller

Address

Date Started

Date Completed

Location: Sec. 10 T. 20 R. 20 1/4 sec W 1/2 NW 1/4

Type of well

Dug

(Type, driven, bored, or drilled)

Equipment used

Shovel, pick, & Bar

(Churn drill, auger, other)

Water use: Domestic

☒

Municipal

☐

Stock

☒

Irrigation

☐

Industrial

☐

Drainage

☐

Other:

Casing:

ft. to

ft.

Type

Size

Casing:

ft. to

ft.

Type

Size

Casing:

ft. to

ft.

Type

Size

Perforated or Screened: Ft.

to ft.

Ft.

to ft.

Type of screen or perforations

Static Water level, for non-flowing well:

7 feet

feet.

Shut-in pressure, for flowing well:

lb./sq. in. on:

(date)

Pumping water level

7 feet

feet at

250

gal per min.

How tested:

ran stock tank over for 8 hrs.

Length of test

8 hrs.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Just valves and lead out pipe

(over)

R-52

152893

Water Well Log

Richard Olsen  
to  
The Public

STATE OF MONTANA

County of Lake,

Filed on the 22<sup>nd</sup> day of Dec

A. D. 1961 <sup>12:00</sup> HAZEL KINNICK M

County Clerk and Recorder

By Roberta Mares

Deputy

In reply to your letter of October 25 we are returning two

well forms for public use. One of them seems to have the correct

description of location as you report in your letter. Neither of

them have your filing record so it may be well for you to place it

on them, as well as anything else which might possibly be omitted

from these copies, and return them to us.



LAKE COUNTY, MONTANA

October 29, 1962

POLSON, MONTANA

Mrs. Hazel Kinnick  
Clerk and Recorder  
Polson, Montana

Dear Mrs. Kinnick:

In reply to your letter of October 25 we are returning two well forms for Dick Dresen. One of them seems to have the correct description of location as you report in your letter. Neither of them have your filing record, so it may be well for you to place it on them, as well as anything else which might possibly be omitted from these copies, and return them to us.

Very truly yours,

FRED E. BUCK  
STATE ENGINEER

By: C. S. Heidel  
Deputy State Engineer

CSH:ba

# LAKE COUNTY, MONTANA

COMMISSIONERS  
JOSEPH MAXWELL  
RONALD  
H. M. HENDRICKSON  
Charles  
GEO. DAVIS, JR.  
Big Arm  
TREASURER  
DONALD A. BUTLER  
CLERK AND RECORDER  
HAZEL KINNICK



ASSESSOR  
C. W. REYNOLDS  
SHERIFF AND CORONOR  
F. W. (BILL) GRAHAM  
CLERK OF COURT  
MARGARET SELNES  
SUPERINTENDENT OF SCHOOLS  
MURIEL HAMMAN  
COUNTY ATTORNEY  
JEAN A. TURNAGE  
COUNTY SURVEYOR  
H. B. BOUTON

POLSON, MONTANA

October 25, 1962

RECEIVED  
OCT 26 1962

State Engineer  
Helena, Montana

STATE ENGINEER

Gentlemen:

Please refer to our filing of a water well log in the name of Dick Dresen, Pablo, Montana, filed in this office Dec. 22, 1961.

On this filing description appears as "W $\frac{1}{2}$ NW $\frac{1}{4}$  Sec. 10, T20N., R20W."

The filing should have read "W $\frac{1}{2}$ NE $\frac{1}{4}$ , Sec. 10, T20N., R20W."

Can you make the necessary correction on your copy or will Mr. Dresen have to file an amended report. Please advise.

Yours very truly,

*Hazel Kinnick*  
Clerk and Recorder

How to use

20 21 22

County Hot Springs

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

Rec'd Dec 20, 61  
State Engr

WATER WELL LOG

|  |  |  |  |  |
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Owner Pick Dresser 1528 Parkmont

Driller Hot Springs

Date Started 12/20/61 Date Completed 12/20/61

Location NE 1/4 Sec 20, T. 20 N., R. 20 E., S. 20 E.

Type of well Drug Shovel

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Domestic ☐ Other ☐

Casing: 1" to 1 1/2" Type Steel

Casing: 1 1/2" to 2" Type Steel

Casing: 2" to 3" Type Steel

Perforated or Screened: 2" to 3" to 3" to 4" to 4" to 5" to 5" to 6"

Type of screen or perforations 1/2" mesh

Static water level, for non-flowing well: 7 feet

Static pressure, for flowing well: 20/25 lb. sq. in. (Date) 12/20/61

Pumping water level: 10 feet

How tested: run, shut, take over for 1 hour

Length of test: 1 hour

Remarks: (Unvalve packing, cementing, packers, type of shut-off, depth of shut-off)

Just valves and lead out pipe

(over)

11-27 to 20-1

T. 21 S. 19 N.

Section 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30

County Lake County

**MONTANA BUREAU OF MINES AND GEOLOGY**  
Butte, Montana

**WATER WELL LOG**

|  |  |  |  |
|--|--|--|--|
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|  |  |  |  |

Owner Dick B. [unclear] 1528 Pullman

Diameter 4 1/2"

Date Started 5-21-19

Location Sec. 5 T. 21 S. 19 N.

Type of well Drilled (Over, driven, bored, or other) Well Rig (Cable drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Casing: 4 1/2" ft. to 4 1/2" ft. Type Well casing

Casing: 4 1/2" ft. to 4 1/2" ft. Type Well casing

Casing: Well was drilled before

Perforated or Screened: 5 ft. to 5 ft.

Type of screen or perforations I bought place

Static Water level, for non-flowing well: \_\_\_\_\_ feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. at \_\_\_\_\_ (date)

Pumping water level: \_\_\_\_\_ feet at \_\_\_\_\_ gal. per min.

How tested: \_\_\_\_\_

Length of test: \_\_\_\_\_

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

90

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

MONTANA WATER RESOURCES BOARD

RECEIVED

SEP 29 1971

20N-20W

County

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Eric Drenon

Address

Reagan, Mont.

Date well started 26 AUG.

completed 20 SEPT.

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Quinn Drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

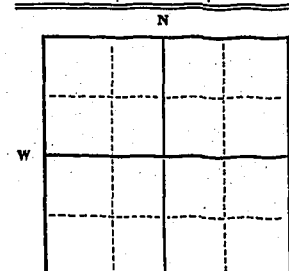
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

\*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL 5,000,000 gals.

| Size of Drilled Hole | Size and Weight of Casing | From (Feet)  | To (Feet) | PERFORATIONS |             |           |
|----------------------|---------------------------|--------------|-----------|--------------|-------------|-----------|
| 6"                   | 6 5/8 19#                 | 18"          | 418'      | Kind Size    | From (Feet) | To (Feet) |
|                      |                           | above ground |           | XXXX         | XXXX        | XXXX      |



in NE cor s E of RR

N 1/4 NE 1/4 Sec. 10

T. 20 N R. 20 E

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature George A Beebe

Driller's Address Box 47

Reagan, Mont.

LICENSE NO. 204

Top of Ground (Elev. above sea level)

| From (Feet) | To (Feet) | Strata                           |
|-------------|-----------|----------------------------------|
| 0           | 2         | Topsoil                          |
| 2           | 5         | tan clay                         |
| 5           | 7         | gray sand (tan)                  |
| 7           | 78        | gray sand                        |
| 78          | 81        | broken rock, gravel & sand       |
| 81          | 173       | tan clay gravel streaks          |
| 173         | 198       | Tan clay                         |
| 198         | 267       | gravel streaks in tan clay       |
| 267         | 306       | hard rubbery tan clay            |
| 306         | 389       | gravel streaks in tan clay       |
| 389         | 414       | fine gray sand in light tan clay |
| 414         | 415       | gray green clay                  |
| 415         | 418       | gray clay, gravel                |
| 418         | 419       | gray & green gravel              |
| 419         | 420       | hard gray clay & gravel          |

Static water level 3.00 ft.\*  
Pumping water level 00 ft.\*  
at 30 gallons per minute,  
measured 210 minutes after pumping began.

\*Measured from ground level.  
Well developed by baler, pump  
for 96 hours.

Power none Pump 3 HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Show exact depth of bottom

49158



R-1293

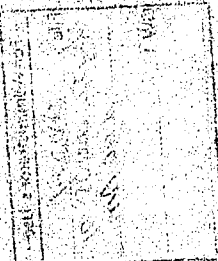
200284

DICK DRESEN  
THE PUBLIC  
WELL REPORT

STATE OF MONTANA  
COUNTY OF LAKE

Filed on the 28th day  
of Sept. A.D. 1971  
at 11:40 o'clock A.M.  
ETHEL M. HARDING  
County Clerk and  
Recorder  
By *Joelle Benitz*  
Deputy

Witness  
Subscribed and sworn to before me this 28th day of September 1971  
Notary Public for the State of Montana  
My Comm. Expires 12/31/72  
Notary Public for the State of Montana



|   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|

File No. \_\_\_\_\_

DUPLICATE

Approved Stock Form—State Publishing Co., Helena, Montana—1957

File No. 201 R 200

County Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
DEC 19 1963  
STATE ENGINEER

HARVEY ANDERSEN  
(Name of Appropriator)

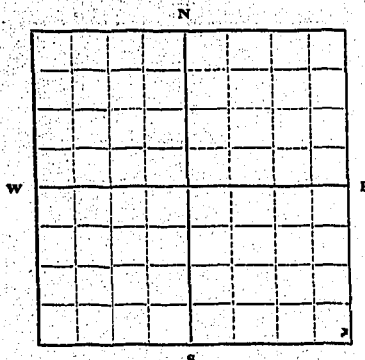
of R. 2  
(Address)

ROMAN  
(Town)

County of LAKE

State of MONTANA

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.E. 1/4 Sec. 11 T. 20 R. 20

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based  
household and stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1928

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
none

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
pressure pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1928

8. The depth of water table 10 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
dry well, 18 ft deep

10. The estimated amount of groundwater withdrawn each year 109,500 gal

11. The log of formations encountered in the drilling of each well if available none

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner Harvey Andersen

Date Dec 16, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

R-321

162555

Notar Report

Harvey Anderson

to  
The Public

STATE OF MONTANA

County of Lake,

Filed on the 16 day of December

A. D. 1963 at 1:25 o'clock P. M.

HAZEL KINNICK

County Clerk and Recorder

H. Kneus

Deputy

30  
9209



RECEIVED

20-N-20-C3  
County Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

JUN 26 1973

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Henry Padilla

Address Ronan, Montana

Date well started June 2, 1973

completed June 8, 1973

For Administrator's Use:

File 210379;

1480; June 25 1973

GW-1 2:15 p.m.

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used 2H Rotary

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

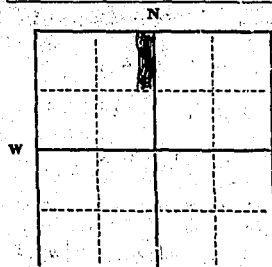
Industrial ☐ Drainage ☐ Other ☒ Garden/Lawn ☐

\*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS |             |           |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| 6" ID                | 8" ID                     | 1'          | 395'      | Kind Size    | From (Feet) | To (Feet) |
|                      | 17 lb above per ft. g.l.  |             |           |              |             |           |



E 1/2 Sec.

N.E. 1/4 N.W. 1/4 Sec. 11

T. 2. S. N. R. 2. E.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature

CAMP WELL DRILLING & PUMP SUPPLY

Driller's Address

1532 S. 14th W. Missoula, Montana 59801

LICENSE NO.

7

395'

Show exact depth of bottom

| Top of Ground |           | (Elev. above sea level) |
|---------------|-----------|-------------------------|
| From (Feet)   | To (Feet) |                         |
| 0             | 1         | Dark brown clay         |
| 1             | 7         | Light sandy clay        |
| 7             | 55        | Sandy clay              |
| 55            | 83        | Sandy clay & gravel     |
| 83            | 90        | Sand (water)            |
| 90            | 248       | Clay and gravel         |
| 248           | 355       | Sandy clay & gravel     |
| 355           | 368       | Sand                    |
| 368           | 374       | Boulders & clay         |
| 374           | 388       | Yellow clay & gravels   |
| 388           | 390       | Blue clay               |
| 390           | 394       | Sand & gravels & water  |
| 394           | 395       | Gravel & water          |

53,876

R- 1480

**TO**

# THE PUBLIC

**WILL REPORT**

STATE OF MONTANA  
County of Lake

Filed on the 25 day of

A.D. 1973 at 2:15 P M

~~ETHEL M. HARDING~~

County Clerk and

Twelfth

10

11

10

1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

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100-100000

the 1990s, the number of people in the world who are illiterate has increased from 1.2 billion to 1.5 billion. The number of illiterate people in the world is projected to reach 1.7 billion by the year 2015. The number of illiterate people in the world is projected to reach 1.7 billion by the year 2015.

1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 26

[illegible]

1971-2-24-534

*Journal of Management Education* 30(6)p. 789-804

the 1990s, the number of people in the world who are illiterate has increased from 1.2 billion to 1.5 billion. The number of illiterate people in the world is projected to reach 1.7 billion by the year 2015. The number of illiterate people in the world is projected to reach 1.7 billion by the year 2015.

$$\frac{d}{dt} \left( \int_{\Omega} u^2 dx + \int_{\Gamma} u^2 dS \right) = -2 \int_{\Omega} u \Delta u dx - 2 \int_{\Gamma} u \nabla_n u dS = 0.$$

the 1990s, the number of people in the United States who are 65 years of age or older is projected to increase from 20 million to 35 million, and the number of people 75 years of age or older is projected to increase from 10 million to 17 million (U.S. Census Bureau, 1996). The number of people 85 years of age or older is projected to increase from 2 million to 4 million (U.S. Census Bureau, 1996). The number of people 90 years of age or older is projected to increase from 500,000 to 1 million (U.S. Census Bureau, 1996). The number of people 95 years of age or older is projected to increase from 100,000 to 200,000 (U.S. Census Bureau, 1996). The number of people 100 years of age or older is projected to increase from 10,000 to 20,000 (U.S. Census Bureau, 1996).

...and the other is the fact that the system is not yet fully operational.

1. The first of these is the fact that the  
 2. Government has been unable to secure  
 3. the necessary funds to carry out its  
 4. policy of non-interference in the  
 5. internal affairs of the country.  
 6. The second is the fact that the  
 7. Government has been unable to secure  
 8. the necessary funds to carry out its  
 9. policy of non-interference in the  
 10. internal affairs of the country.

STANLEY J. KATZ, COUNCILMAN

2024-10-10

SECRET  
DECLASSIFIED BY 6032 JAL/STW  
ON 02-10-2013

5071253

☐ **Internet** ☐ **Journal** ☐ **Article** ☐ **Book** ☐ **Other**

[illegible]

RECEIVED

20N-20W  
County Liberty

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD  
DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Robert & Donna Jean Toelke

Address Box 714

Renon, Montana

Date well started April 17, 1971

completed April 28, 1971

Type of well Drilled  
(Dug, driven, bored or drilled)

Equipment used Churn Drill  
(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

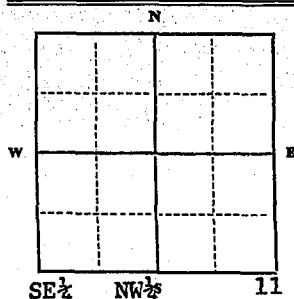
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

\*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

| Size of Drilled Hole | Size and Weight of Casing   | From (Feet) | To (Feet) | PERFORATIONS |             |           |
|----------------------|-----------------------------|-------------|-----------|--------------|-------------|-----------|
| 6" I.D.              | 6" I.D. 17 lb per ft. g. 6. | 1 1/2'      | 398 1/2'  | Kind Size    | From (Feet) | To (Feet) |
|                      |                             |             |           | none         |             |           |



Static water level 1.50 gpm.ft.\*  
Pumping water level --- ft.\*  
at 150 gallons per minute,  
measured --- minutes after pumping began.

\*Measured from ground level.  
Well developed by compressor  
for 2 hours.

Power Dea. no pump apply HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Well flows @ 40 gpm

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Steve Craig

Camp Well Drilling & Pump Supply

Driller's Address 1522 S. 14th W., Missoula, Montana

LICENSE NO. 7

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

| Top of Ground |           | (Elev. above sea level) |
|---------------|-----------|-------------------------|
| From (Feet)   | To (Feet) |                         |
| 0             | 34        | Dark Topsoil            |
| 34            | 35        | Tan clay                |
| 35            | 64        | Tan clay & gravel       |
| 64            | 76        | Sand and silt           |
| 76            | 394       | Tan clay & gravel       |
| 394           | 395       | Gray clay & gravel      |
| 395           | 398 1/2   | Gravel & water          |
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398 1/2 Show exact depth of bottom

49,988





20 N - 20 W  
LAKE  
County

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD  
NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located; last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner TOM BAKER

Address RONAN, MT 59164

For Administrator's Use

File 20087 K1467

June 11, 1923

Date well started AUG 4 72

GW 1 11:10 P.M.

completed **SEPT 25 72**

Type of well DRILLED

(Dug, driven, bored or drilled)

Equipment used Cable Tool

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

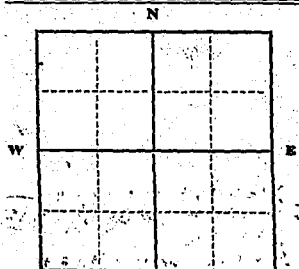
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

**\*Describe**

**USE:** If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL 2,000,000

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS |             |           |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
|                      |                           |             |           | Kind Size    | From (Feet) | To (Feet) |
| 6 1/8"               | 6 1/8" ID<br>17.2#        | 718'        | 357'      |              |             |           |



Static water level 2-2 ft.

Pumping water level 13' 2" ft.

at 70 gallons per minute  
measured 420 minutes after pumping  
began.

\*Measured from ground level.

Well developed by Boiler

for ..... hours.

\*Power ~~345~~..... Pump ~~345~~..... HI

Remarks: (Gravel packing, cementing  
packers, type of shutoff) .....

NW 1/4 SW 1/4 Sec. 12

T. 20 N R. 20

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.  
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature \_\_\_\_\_

Driller's Address Box 36 FALO Md 59835

LICENSE NO

## DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level) \_\_\_\_\_

[illegible]

3-57 Show exact depth of bottom

53,464

21008!

**Jorn Bower**  
to  
**The Public**  
**Well Report**

**THE**

can only

2021/12/20 15:00:00

SALE OF THE YEAR

WEDNESDAY 21/11/2001

117

THE UNIVERSITY OF CHICAGO

Residual 16:15 Inclusion

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FORM 1041-2 11-84

55-25749-2 (continued)

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YOU'RE A BIRD BOSS

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1981-82. Country: ☒ Argentina ☐ Argentina

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Identification No. 682-1

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MOORE DIE

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THE UNIVERSITY OF CHICAGO

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File No.

DUPLICATE

T. 200 R. 200

County Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

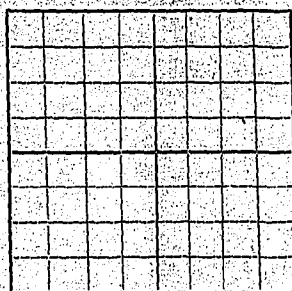
**Declaration of Vested Groundwater Rights**  
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
JUL 8 - 1963  
STATE ENGINEER

1. Carrie E. Mendenhall of Ronan  
(Name of Appropriator) (Address) (Town)

County of Lake State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2. The beneficial use on which the claim is based  
domestic use and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1956, continuous  
since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gal. per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 1 acre plus; part of NW1/4 & NE1/4

1/4 Sec. 12 T. 20 N. R. 20 W. MM. Beg. at NE cor. of NW1/4  
th. W. 77 ft., th. S 130 ft., th. E. 386 ft., th. N 130 ft.  
Indicate point of appropriation th. W. 309 ft. to pt of beg.  
and place of use, if possible.  
Each small square represents 10 acres.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
artesian well and pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater began fall 1955, completed June 1956

8. The depth of water table Well 195 ft deep, water flows from well

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4 inch casing

10. The estimated amount of groundwater withdrawn each year up to 720,000 gal.

11. The log of formations encountered in the drilling of each well if available  
Lake Carington, driller, do not know if log was filed. Add. Gr. Falls  
Montana

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Date June 20, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

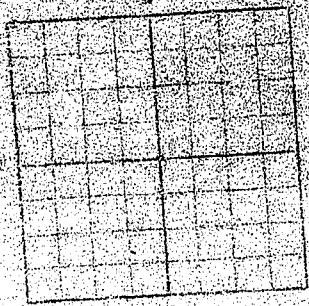
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

4932.

R179  
 160280  
 Water Report  
 Carrie E. Mendenhall

to  
 The Public

Division of Agriculture  
 Bureau of Plant Industry  
 U.S. DEPARTMENT OF AGRICULTURE  
 WASHINGTON, D.C.



STATE OF MONTANA  
 County of Lake  
 Filed on the 3<sup>rd</sup> day of July  
 A. D. 1963 at 10:10 o'clock A.M.

HAZEL KINNICK  
 County Clerk and Recorder  
 By G. [Signature] Deputy

RECEIVED  
 JUL 9 1963  
 LE ENGINEER

1. The purpose of this report is to provide information regarding the water rights of the State of Montana. The report is based on the information provided by the Bureau of Plant Industry, U.S. Department of Agriculture, and the Bureau of Reclamation, U.S. Department of the Interior.

2. The water rights of the State of Montana are based on the following principles:

- a. The water rights of the State of Montana are based on the principle of prior appropriation.
- b. The water rights of the State of Montana are based on the principle of beneficial use.
- c. The water rights of the State of Montana are based on the principle of public trust.
- d. The water rights of the State of Montana are based on the principle of riparian rights.

3. The water rights of the State of Montana are based on the following principles:

- a. The water rights of the State of Montana are based on the principle of prior appropriation.
- b. The water rights of the State of Montana are based on the principle of beneficial use.
- c. The water rights of the State of Montana are based on the principle of public trust.
- d. The water rights of the State of Montana are based on the principle of riparian rights.

File No.

DUPLICATE

Approved Stock Form—State Publishing Co., Helena, Montana—(133)

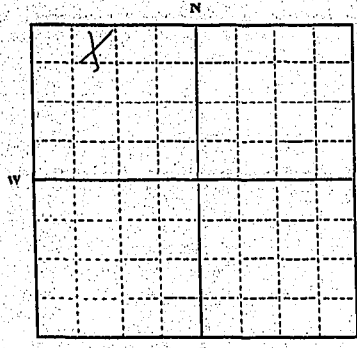
T. 20 R. 20  
County LAKE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 26 1963  
STATE ENGINEER

Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)

A. T. NORIS & Mary S. SCHROER of R. 12  
(Name of Appropriator) (Address) (Town)  
County of LAKE State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 NW 1/4 Sec. 12 T. 20 R. 20

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based DOMESTIC AND STOCK

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1933  
CONSTANT

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1.0 GALLONS PER MINUTE

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
5 ACRES (LAWN)  
NW 1/4 NW 1/4 - SEC. 12 - RANGE 20  
TOWNSHIP 20  
Arthur J. Schron

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
ELECTRIC PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater JUNE - 1933

8. The depth of water table 4 1/2 FEET

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater EVEN FLOWING SPRING  
4 1/2' x 4 1/2' x 4 1/2'

10. The estimated amount of groundwater withdrawn each year 18000 GALS.

11. The log of formations encountered in the drilling of each well if available  
NONE

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record  
NONE

Signature of Owner Arthur J. Schron  
Date December 20, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

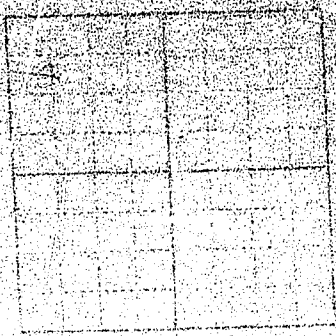
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

12218

Q-438

162708

Water Report  
Arthur J. & Mary Schreier  
to  
The Public



OFFICE OF STATE ENGINEER  
DEPARTMENT OF COMMERCE  
STATE OF MONTANA

STATE OF MONTANA

County of Lake,

Filed on the 23<sup>rd</sup> day of Dec.  
A. D. 1943 1:32 P.M.  
Hazel Kinnick

County Clerk and Recorder

By G. Cowman  
Deputy

Q-438



STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

RECEIVED

20N-30W  
County: Lake

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATION

(Under Chapter 237, Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner A. Skogen

Address Ronan, Montana

For Administrator's Use

File R474,210254

June 19, 1973

Date well started April 30

GW 1 11:22 A.M.

completed May 9, 1973

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

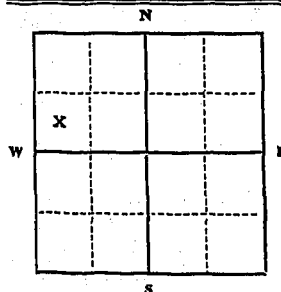
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

\*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS |             |           |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| 6"                   | 6" 17#                    | 0           | 350       | Kind Size    | From (Feet) | To (Feet) |
|                      |                           |             |           | Steel        | 2           | 4         |



Static water level 25.160 ft.\*  
Pumping water level ..... ft.\*  
at 40 gallons per minute,  
measured 2hr minutes after pumping began.

\*Measured from ground level.

Well developed by 411 hours.

Power ..... Pump ..... HP

Remarks: (Gravel packing, cementing, packers, type of shutoff)

Sw&Sw... 1/4 NW... 1/4 Sec. 12  
T... 20 N R... 20 E  
S W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature

Driller's Address

LICENSE NO. 8

| Top of Ground |           |                    |
|---------------|-----------|--------------------|
| From (Feet)   | To (Feet) |                    |
| 0             | 20        | Clay               |
| 20            | 150       | Sand & Gravel      |
| 150           | 190       | Sand & Gravel      |
| 190           | 200       | Sand               |
| 200           | 275       | Yellow Clay, sandy |
| 275           | 300       | Sandy Clay         |
| 300           | 342       | Sandy Clay         |
| 342           | 350       | Sand & Gravel      |

350 Show exact depth of bottom

53,659





GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—39318

File No.

QUADRUPLICATE

T. 20N R. 20W

County Levi

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED

JUL 3 1973

MONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATION

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws 1961)

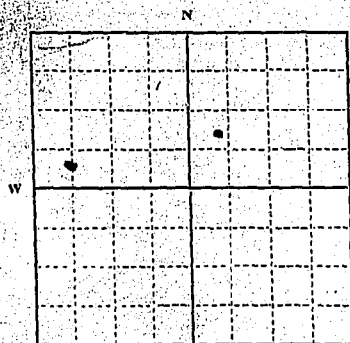
210635, 1510  
June 29, 1973  
4:52 p.m.

Date of Appropriation of Groundwater approximately 1960Owner J. M. Brooke Address Ronan, MontanaContractor (if any) None

Address of Contractor

Date Started Date Completed

Describe means of obtaining groundwater without a well "as by  
sub-irrigation and other natural processes". Include depth to  
water when applicable. natural springs (two)



Indicate point of appropriation  
and place of use, if possible.  
S 1/4 SW 1/4 NW 1/4, Sec. 13, T. 20N.  
R. 20W.

SE 1/4 NW 1/4 SW 1/4 NE 1/4, Sec. 13,  
T. 20N., R. 20W.

Quantity of water developed and used with explanation of method  
used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use

year-round use 150 gal. ft. m. and  
15 miners inches each  
spring; use is for domestic, stockwater  
and irrigation (both with the same use)  
springs

Signature of Owner

Date

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the  
works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana  
Bureau of Mines and Geology and Quadruplicate for the Appropriator.

54922

**R-**

1540

J. M. BROOKE  
TO  
THE PUBLIC

# Notice of Completion of Groundwater Appropriation Without Well

STATE OF MONTANA  
County of Lake

Filed on the 29 day of

A. D. 19 73 at 4:52 o'clock P M.

ETHEL ALHARDING

County Clerk and Recorder  
By Elaine E. A. Deputy

Deputy

Log of Well

| Depth, feet |         | Description of Material Drilled |
|-------------|---------|---------------------------------|
| From        | To      |                                 |
| 0'          | 2'      | top soil                        |
| 2'          | 16'     | clay                            |
| 16'         | 18'     | surface water & sand            |
| 18'         | 84'     | clay sand some gravel           |
| 204'        | 338'    | hard clay & gravel              |
| 338'        | 351'    | softer clay & gravel            |
| 351'        | 353'    | silty sand gravel & water       |
| 353'        | 369'    | silty sand clay & gravel        |
| 369'        | 397'    | clay, shales, some gravel       |
| 397'        | 398'    | blue water, sand                |
| 398'        | 400' 7" | gravel with lots of water       |

STATE OF MONTANA  
County of Lake,  
Filed on the 5 day of May,  
A. D. 1959 at 8:50 o'clock A. M.  
HAZEL KINNICK  
County Clerk and Recorder  
By Marta Peterson Deputy

water well log  
John Hughes  
Public

Rel 140710

RECEIVED  
MAY 7 1959

STATE ENGINEER

14-20-20

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

|   |  |  |
|---|--|--|
|   |  |  |
| X |  |  |
|   |  |  |

Owner John Hughes Address Box 2, Ronan  
Driller Shawn Camp Address 705 Cedar, Missoula, Mont  
Date Started May 3, 1958 Date Completed May 23, 1958  
Location: 2 mi South of Ronan 1 mi west of Highway 93  
Location: Sec. 14 T. 20 R. 20 1/4 sec.

Type of well drilled Equipment used \_\_\_\_\_  
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒  
Industrial ☐ Drainage ☐ Other: \_\_\_\_\_

Casing: 1' above ground level ft. to 400' 4" ft. Type 1 1/2" per ft Size 6"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. no to ft. \_\_\_\_\_ Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations no

Static Water level, for non-flowing well: \_\_\_\_\_ feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_

Pumping water level Flows 5 gal per min - 80 gal per min 30' from tip (date) \_\_\_\_\_  
feet at \_\_\_\_\_ gal. per min.

How tested: bauler

Length of test: \_\_\_\_\_

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)



RECEIVED

20N 20W 14  
County Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

MAY 19 1972

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Don Olson

Address South of Ranan

Ranan, Montana

Date well started Feb. 22, 1971

Deepened Jan. 8, 1972

completed Feb. 26, 1971

Deepened March 1, 1972

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn Drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

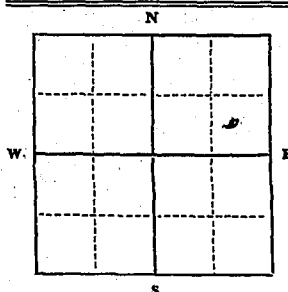
Industrial ☐ Drainage ☐ Other ☐ \* Garden/Lawn ☐

\*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

| Size of Drilled Hole | Size and Weight of Casing        | From (Feet) | To (Feet) | PERFORATIONS |             |           |
|----------------------|----------------------------------|-------------|-----------|--------------|-------------|-----------|
| 6" I.D.              | 6" I.D. 17 lb above per ft. g.l. | 1' 6"       | 390'      | Kind Size    | From (Feet) | To (Feet) |
|                      |                                  |             |           | none         |             |           |



SE 1/4 NE 1/4 Sec. 14  
T.20 N. R. 20 E  
S W R.P.D.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature

Shawn Camp  
CAMP WELL DRILLING & PUMP SUPPLY

Driller's Address

1522 S. 14th St., Missoula, Montana 59801

LICENSE NO. 7

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground

| From (Feet) | To (Feet) |                              |
|-------------|-----------|------------------------------|
| 0           | 2         | Black Topsoil                |
| 2           | 10        | Brown Clay                   |
| 10          | 11        | Sand, Gravel & Water         |
| 11          | 20        | Brown Clay & Gravel          |
| 20          | 55        | Brown Silt & Water           |
| 55          | 110       | Brown Clay                   |
| 110         | 171       | Tan Clay & Gravel            |
| 171         | 175       | Sand, Small Gravel & Water   |
| 175         | 185       | Gravel & Tan Clay            |
| 185         | 185 1/2   | Gravel & Water               |
| 186         | 324       | Tan Clay & Gravel            |
| 324         | 350       | Boulders & Tan Clay & Gravel |
| 350         | 360       | Tan Clay & Gravel            |
| 360         | 388       | Gravel & Water               |
| 389         | 390       | Gravel & Water               |

Static water level 19' ft.\*  
Pumping water level 69' ft.\*  
at 120 gallons per minute,  
measured 2 minutes after pumping began.

\*Measured from ground level.  
Well developed by compressor  
for 6 hours.

Power Does not Pump apply HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff)

390 Show exact depth of bottom

50,423

203622

1346

# Well Report

**Don Olsson**

to

# The Public

STANDARD 100

ST/ OF MONTANA  
County of Lake  
Filed on the 16 day of May  
A. D. 1912 at 11:30 o'clock P. M.  
ETHEL M. HARDING  
County Clerk and Recorder  
By *[Signature]* Deputy



OW 2

Approved Stock Form—State Publishing Co., Helena, Montana—45642

File No.

DUPLICATE

County

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

# Notice of Completion of Groundwater Appropriation by Means of Well DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

LOG

Top of Ground

(Elev. above sea level)

0-1 Black dirt  
1-3 Clay  
3-4.2 Silty Sand and Water  
4.2-208 Clay, Gravel & Rock  
208-239 Tight Gravel, Clay  
seep of water  
239-241 Boulder  
241-244 Clay and Gravel  
244-287 Tight Clay and  
Gravel  
287-289 Silty Sand and  
Water  
289-355 Clay, Gravel &  
Rock  
355-361 Tight clay, Gravel  
Boulders  
361-373 Clay and Gravel  
373-384 Sandy Clay and  
Gravel  
384-388 Boulder  
388-408 Clay and Gravel  
408-410 Blue Clay and  
Gravel  
410-413 Gravel & Water

Owner Marvin E. Arlt Address Ronan, Montana  
Driller Camp Well Drilling Address 1522 S. 14th W.  
Missoula, Montana

Date of Notice of appropriation of groundwater

Date well started Dec. 12, 1969 Date completed Jan. 5, 1970

Type of well Drilled Equipment used Churn Drill  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

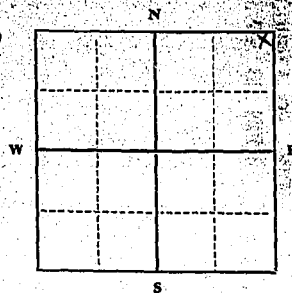
Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

| Size of<br>Drilled<br>Hole | Size and<br>Weight<br>of Casing | From<br>(Feet) | To<br>(Feet) | PERFORATIONS |                |              |
|----------------------------|---------------------------------|----------------|--------------|--------------|----------------|--------------|
|                            |                                 |                |              | Kind<br>Size | From<br>(Feet) | To<br>(Feet) |
| 6" I.D.                    | 6" I.D.                         | 1' 6"          | 413'         |              |                |              |
|                            | 17 lb                           | above          |              |              |                |              |
|                            | per ft                          | S.L.           |              |              |                |              |
|                            |                                 |                |              |              | none           |              |

Doc. No. 192015  
Filed for record  
this 15 day of January  
A. D. 19 70, at 12:00  
o'clock P.M.

MONTANA WATER RESOURCES BOARD  
RECEIVED  
JAN 16 1970



NE  $\frac{1}{4}$  NE  $\frac{1}{4}$  Sec. 15 T. 20 N. R. 20 W.  
Indicate location of well and  
place of use, if possible. Each  
small square represents 40  
acres.

Static Water Level for non-flowing well  
Ground Level feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 50 feet  
at 125 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Air Compressor

Length of Test 1 Hour

Remarks: (Gravel packing, cementing, pack-  
ers, type of shutoff)

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state  
number of acres and location or other data (i.e.: Lot, Block and Addi-  
tion).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the  
County Clerk and Recorder in the county in which the well is located, tissue copy to be  
retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be  
returned.

License 7  
Driller's License Number

Driller's Signature Camp Well  
Drilling & Pump Supply

46053

R-1182

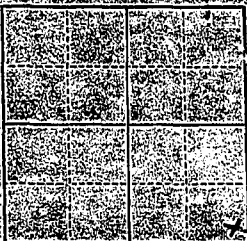
192015

MARVIN E. ARLINT

TO

THE PUBLIC

JAN 16 1970



STATE OF MONT  
COUNTY OF LAKE

Filed on the 15th day of Jan.  
A.D. 1970 at 12:02 o'clock P.M.

Ethel M. Harding  
County Clerk & Recorder

By *Jevel Berty*

\$2.00

Static Water Level for non-flowing well  
Ground Level.....feet.

Shut-in Pressure for Flowing Well.....feet.

Pumping Water Level.....feet  
at 125 gal per minute

Discharge in gal. per min. of flowing well

How Tested.....Air Compressor

Length of Test.....1 Hour

Remarks: (Gravel packing, cementing, pack-  
ers, type of sludg)

NE 1/4 Sec 12 T22 N 30 E 10 W  
Indicate location of well and  
place of use if possible. Each  
small square represents 40

(Elev. above sea level)

## Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws 1961)

0-1 Black Dirt  
 1-3 Clay  
 3-42 Silty Sand and Gravel  
 42-208 Clay, Gravel & Rock  
 208-239 Tight Gravel, Clay  
 239-241 Boulder  
 241-244 Clay and Gravel  
 244-287 Tight Clay and Gravel  
 287-289 Silty Sand and Water  
 289-355 Clay, Gravel & Rock  
 355-361 Tight clay, Gravel  
 361-373 Clay and Gravel  
 373-384 Sandy Clay and Gravel  
 384-388 Boulder  
 388-408 Clay and Gravel  
 408-410 Blue Clay and Gravel  
 410-413 Gravel & Water

Owner: Marvin E. Arlt Address: Ronan, Montana  
Camp Well Drilling Address: 1522 S. 14th W.  
Driller's Pump Supply Address: Missoula, Montana

Date of Notice of Appropriation of groundwater: \_\_\_\_\_  
 Date well started: Dec. 10, 1969 Date completed: Jan. 5, 1970

Type of well: Drilled Equipment used: Churn Drill  
 (Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐  
 Industrial ☐ Drainage ☐ Other ☐

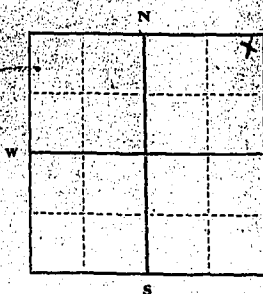
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

| Size of Drilled Hole | Size and Weight of Casing  | From (Feet) | To (Feet) | PERFORATIONS |             |           |
|----------------------|----------------------------|-------------|-----------|--------------|-------------|-----------|
|                      |                            |             |           | Kind Size    | From (Feet) | To (Feet) |
| 6" I.D.              | 6" I.D.<br>17 lb<br>per ft | 1' 6"       | 413'      |              |             |           |
|                      |                            | above G.L.  |           |              | none        |           |

MONTANA WATER RESOURCES BOARD

RECEIVED

JAN 16 1970



NE 1/4 NE 1/4 Sec. 15 T. 26 N. R. 20 W.

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well  
Ground Level feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_ feet.

Pumping Water Level 50 feet

at 125 gal. per minute.

Discharge in gal. per min. of flowing well \_\_\_\_\_

How Tested: Air Compressor

Length of Test: 1 Hour

Remarks: (Gravel packing, cementing, packers, type of shutoff) \_\_\_\_\_

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

License # 7

Driller's License Number

Camp Well  
 Driller's Signature, Camp Well  
Drilling & Pump Supply



STATE OF MONTANA

County of Lake

Marvin E. Arline

having first been duly sworn, deposes and says that he is of lawful age and is the appropriator

and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation by means of well and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true

Marvin E. Arline

Subscribed and sworn to before me, this 15 day of Jan 1970

Notary Public for the State of Montana

Residing at Ronan, Mont.

My Commission expires April 11 1970

R 1182  
192015

MARVIN E. ARLINE

TO

THE PUBLIC

STATE OF MONTANA } ss  
County of Lake  
Filed on the 15 day of Jan 1970 at 11:00 a.m.  
A. D. 1-15-70  
ETHEL M. HARDING  
County Clerk and Recorder  
by [Signature] Deputy

202

OW

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No.

T 20<sup>N</sup> R 20<sup>W</sup>

DUPLICATE

County

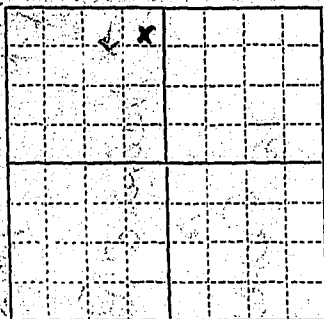
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

R JAN 3 1963  
STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Melvin E. Reum, of Poncha  
(Name of Appropriator) (Address) (Town)  
County of Lake State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



76<sup>4</sup> 76<sup>4</sup> Sec. 15 T. 20 R. 20

Indicate point of appropriation  
and place of use, if possible. Each  
small square represents 10 acres.

2. The beneficial use on which the claim is based Household  
stock & garden and lawn
3. Date or approximate date of earliest beneficial use, and how continuous the use has been Summer of 1952  
Used continuously to date
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
Used for 1 half acre of garden  
and small lawn around  
a well
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Withdrawn from ground by  
electric operated pump from  
one well
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April 1, 1952; Completed June 1, 1952
8. The depth of water table about 14'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater would not vary much.
10. The estimated amount of groundwater withdrawn each year about 365,000 gallons
11. The log of formations encountered in the drilling of each well if available  
No wells drilled
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record  
No county recordings of this well

Signature of Owner

Melvin E. ReumDate 12-31-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

19633

EXHIBIT

OFFICE OF THE CLERK OF DISTRICT COURT  
STATE OF MONTANA  
DISTRICT OF SOUTHERN  
COUNTY OF LAKE

Decision of Asst. County Clerk to receive

Copy of Court and County Clerk's Report

STATE OF MONTANA

*Melvin E. Peum*

County of Lake

R-6a1

163031

\* Melvin E. Peum  
to  
The Public

STATE OF MONTANA  
County of Lake

Filed on the 31 day of Dec  
A.D. 1963 at 10 o'clock A.M.  
*Shawmut*  
County Clerk and Recorder

By \_\_\_\_\_ Deputy